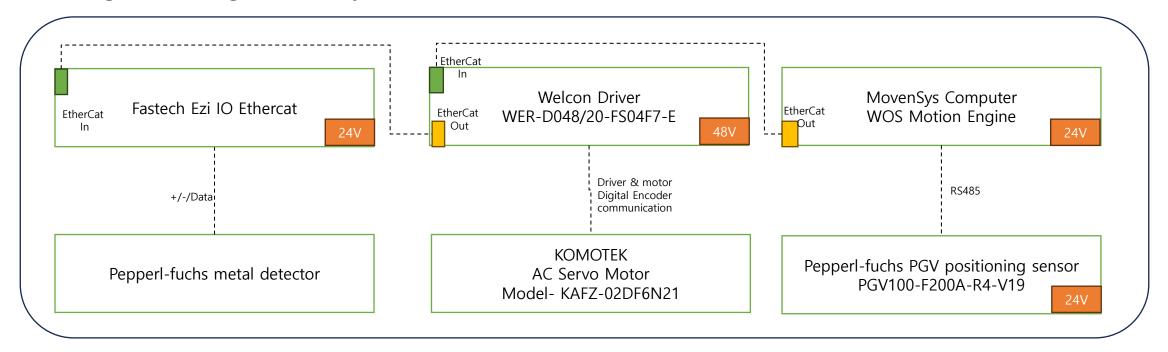
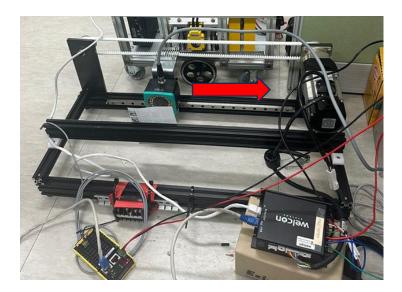
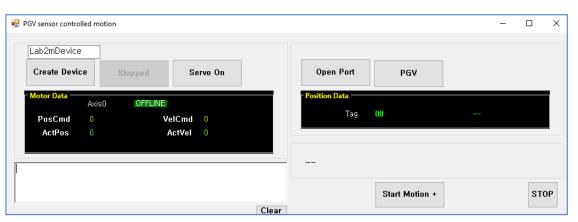
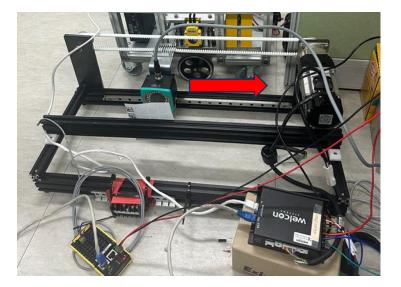
Cable Setting and wiring (MovenSys control with Ethercat communication)







If "Start Motion +" is clicked, the motion operates according to the red arrow direction.



Changeable Parameters (Speed in PPS Pulse Per Second)

```
//define specific Tagname to find
string tagName = "0006";
bool isTargetTagFound = false;
//define speed & velocity for NORMAL Operation
double normalJogSpeed = 10000;
double normalAccelSpeed = 10000;
double normalDecelSpeed = 10000;
//define speed & velocity for SLOW Operation
double slowJogSpeed = 5000;
double slowAccelSpeed = 5000;
double slowDecelSpeed = 5000;
```

Changeable COM Port

```
// Open the serial port
hSerial = CreateFile(_T("COM7"), GENERIC_READ | GENERIC_WRITE, 0, 0, OPEN_EXISTING, FILE_ATTRIBUTE_NORMAL, 0);
//hSerial = CreateFile( T("\\\.\COM12"), GENERIC READ | GENERIC WRITE, 0, 0, OPEN EXISTING, FILE ATTRIBUTE NORMAL, 0);
```

Testing scenario

If "Start Motion +" is clicked, the motion operates according to the red arrow direction.



Motion operates with normal Operation speed



(A PGV grid QR code should be attached at the passage line) If defined TagName is found, then, normal Operation speed is changed into SLOW operation speed



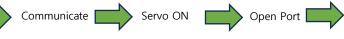
If metal detector is LIGHT ON, then the motion is stopped.

UI scenario

Create Device (a new device will be appeared at the Movensys engine UI)







Start Motion + (If emergency, click "STOP")